

FILE 'REGISTRY' ENTERED AT 08:17:45 ON 16 OCT 2007
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 15 OCT 2007 HIGHEST RN 950725-14-1
DICTIONARY FILE UPDATES: 15 OCT 2007 HIGHEST RN 950725-14-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e retinoic acid

E1	1	RETINOCHROMES/BI
E2	2152	RETINOIC/BI
E3	0 -->	RETINOIC ACID/BI
E4	852	RETINOID/BI
E5	1	RETINOIDS/BI
E6	1728	RETINOL/BI
E7	1	RETINOL:ALL/BI
E8	117	RETINON/BI
E9	1	RETINONA/BI
E10	1	RETINONATE/BI
E11	2	RETINONE/BI
E12	114	RETINONI/BI

=> e tretinoine

E1	1	TRETIN/BI
E2	12	TRETINOIN/BI
E3	0 -->	TRETINOINE/BI
E4	1	TRETIO/BI
E5	1	TRETIOSCINCUS/BI
E6	12	TRETO/BI
E7	11	TRETOCEPHAL/BI
E8	11	TRETOCEPHALUS/BI
E9	1	TRETOL/BI
E10	1	TRETOLITE/BI
E11	14	TRETOMPH/BI
E12	14	TRETOMPHAL/BI

=> s retinoic acid

	2152	RETINOIC
	8887238	ACID
	8245	ACIDS
	8893191	ACID
		(ACID OR ACIDS)
L1	2044	RETINOIC ACID
		(RETINOIC(W) ACID)

=> s tretinoine

	0	TRETINOINE
--	---	------------

L2 0 TRETINOINE

=> s tretinoin

L3 12 TRETINOIN

=> l1 and l2

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and l2

L4 0 L1 AND L2

=> e retinoic acid/cn

E1 1 RETINOCHROME (TODARODES PACIFICUS CLONE PRET REDUCED)/CN

E2 1 RETINOCHROMES/CN

E3 1 --> RETINOIC ACID/CN

E4 1 RETINOIC ACID A-RECEPTOR (HUMAN 243-AMINO ACID FRAGMENT)/CN

E5 1 RETINOIC ACID A-RECEPTOR (HUMAN 244-AMINO ACID FRAGMENT)/CN

E6 1 RETINOIC ACID A-RECEPTOR (HUMAN 245-AMINO ACID FRAGMENT)/CN

E7 1 RETINOIC ACID A-RECEPTOR (HUMAN 251-AMINO ACID FRAGMENT)/CN

E8 1 RETINOIC ACID A-RECEPTOR (HUMAN 252-AMINO ACID FRAGMENT)/CN

E9 1 RETINOIC ACID A-RECEPTOR (HUMAN CLONE WO2003/000732A2-SEQID18 244-AMINO ACID FRAGMENT)/CN

E10 1 RETINOIC ACID B-CYCLODEXTRIN COMPLEX/CN

E11 1 RETINOIC ACID B-RECEPTOR (HUMAN 243-AMINO ACID FRAGMENT)/CN

E12 1 RETINOIC ACID B-RECEPTOR (HUMAN 244-AMINO ACID FRAGMENT)/CN

=> s e3

L5 1 "RETINOIC ACID"/CN

=> d l5 1 ide

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 302-79-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN Retinoic acid (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Retinoic acid, all-trans- (8CI)

OTHER NAMES:

CN (all-E)-3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenoic acid

CN β -Retinoic acid

CN 2,4,6,8-Nonatetraenoic acid, 3,7-dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-, (all-E)-

CN 3,7-Dimethyl-9-(2,6,6-trimethyl-1-cyclohexen-1-yl)-2,4,6,8-nonatetraenoic acid

CN Aberel

CN AGN 100335

CN Airol

CN Aknoten

CN all-(E)-Retinoic acid

CN all-trans- β -Retinoic acid

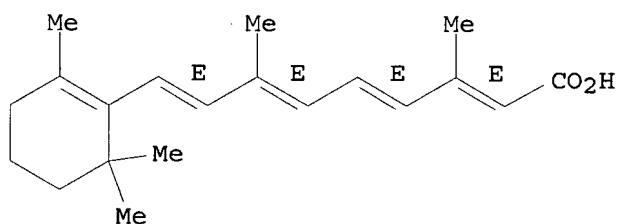
CN all-trans-Retinoic acid

CN all-trans-Tretinoin

CN all-trans-Vitamin A acid

CN ATRA
 CN Atragen
 CN Cordes Vas
 CN Dermairol
 CN Epi-Aberel
 CN Eudyna
 CN NSC 122578
 CN NSC 122758
 CN Renova
 CN Retacnyl
 CN Retin A
 CN Ro 1-5488
 CN trans-Retinoic acid
 CN Tretin M
 CN Tretinoin
 CN Vesanoid
 CN Vesnaroid
 CN Vitamin A acid
 CN Vitamin A acid, all-trans-
 CN Vitamin A1 acid, all-trans-
 FS STEREOSEARCH
 DR 7005-78-9, 56573-65-0, 187175-63-9
 MF C20 H28 O2
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
 BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*,
 IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IMSRESEARCH, IPA,
 MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PHAR, PIRA, PROMT, PROUSDDR, PS,
 RTECS*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2,
 USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15697 REFERENCES IN FILE CA (1907 TO DATE)
 413 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 15733 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

34.35

34.56

FILE 'CAPLUS' ENTERED AT 08:27:54 ON 16 OCT 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 16 Oct 2007 VOL 147 ISS 17
FILE LAST UPDATED: 15 Oct 2007 (20071015/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l5

L6 15733 L5

=> s l6 and (mask or masque or "self curing mask" or "self-curing mask" or "self curing masque" or "self-curing masque")

UNMATCHED LEFT PARENTHESIS 'AND (MASK'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l6 and (mask or masque or "self curing mask" or "self-curing mask" or "self curing masque" or "self-curing masque")

```
82243 MASK
35127 MASKS
95313 MASK
      (MASK OR MASKS)
11 MASQUE
3 MASQUES
14 MASQUE
      (MASQUE OR MASQUES)
387042 "SELF"
25 "SELFS"
48 "SELVES"
387105 "SELF"
      ("SELF" OR "SELFS" OR "SELVES")
130994 "CURING"
32 "CURINGS"
131008 "CURING"
      ("CURING" OR "CURINGS")
82243 "MASK"
35127 "MASKS"
95313 "MASK"
      ("MASK" OR "MASKS")
1 "SELF CURING MASK"
      ("SELF" (W) "CURING" (W) "MASK")
387042 "SELF"
25 "SELFS"
48 "SELVES"
387105 "SELF"
      ("SELF" OR "SELFS" OR "SELVES")
130994 "CURING"
32 "CURINGS"
131008 "CURING"
      ("CURING" OR "CURINGS")
```

82243 "MASK"
 35127 "MASKS"
 95313 "MASK"
 ("MASK" OR "MASKS")
 1 "SELF-CURING MASK"
 ("SELF" (W) "CURING" (W) "MASK")
 387042 "SELF"
 25 "SELFS"
 48 "SELVES"
 387105 "SELF"
 ("SELF" OR "SELFS" OR "SELVES")
 130994 "CURING"
 32 "CURINGS"
 131008 "CURING"
 ("CURING" OR "CURINGS")
 11 "MASQUE"
 3 "MASQUES"
 14 "MASQUE"
 ("MASQUE" OR "MASQUES")
 0 "SELF CURING MASQUE"
 ("SELF" (W) "CURING" (W) "MASQUE")
 387042 "SELF"
 25 "SELFS"
 48 "SELVES"
 387105 "SELF"
 ("SELF" OR "SELFS" OR "SELVES")
 130994 "CURING"
 32 "CURINGS"
 131008 "CURING"
 ("CURING" OR "CURINGS")
 11 "MASQUE"
 3 "MASQUES"
 14 "MASQUE"
 ("MASQUE" OR "MASQUES")
 0 "SELF-CURING MASQUE"
 ("SELF" (W) "CURING" (W) "MASQUE")
 L7 14 L6 AND (MASK OR MASQUE OR "SELF CURING MASK" OR "SELF-CURING
 MASK" OR "SELF CURING MASQUE" OR "SELF-CURING MASQUE")

=> d scan l7

L7 14 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
 CC 1-9 (Pharmacology)
 TI Feasibility of retinoids for the treatment of emphysema study
 ST emphysema 13 cis retinoic acid alveolus
 IT Lung
 (alveolus; lack of feasibility of retinoids for treatment of emphysema)
 IT Emphysema
 Human
 (lack of feasibility of retinoids for treatment of emphysema)
 IT 302-79-4, Retinoic acid 4759-48-2
 RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological
 activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (lack of feasibility of retinoids for treatment of emphysema)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L7 14 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
 IC ICM A61K031-728
 ICS A61K031-7008; A61K031-60; A61K031-205
 INCL 424401000; 514062000; 514160000; 514389000; 514356000; 514054000;
 514554000
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 1, 62